

REMARKS

Responsive to the objection set forth in paragraph 9 of the office action, claims 42 and 43 have been corrected to depend on claim 39.

Responsive to the rejection of claims 37, 42, 48 and 52 under 35 U.S.C. 112, second paragraph (paragraph 7 of the office action), these claims have been amended to clarify that x and y cannot simultaneously be 0.

Claim 44 has been amended to delete "whose temperature is raised", and define that the barrier insulating film as formed on a "heated" substrate.

Claims 46 and 50 have been amended to rewrite the limitation "while at least the power of the frequency of 1 MHz or more out of the power of the frequency below 1 MHz read "power at a frequency of 1 MHz".

Claim 50 has been further amended to replace "the barrier insulating film" with "a barrier insulating film".

All independent claims have been amended to limit them to allowable subject matter.

Specifically, claim 44 has been amended to include the limitations of allowable claim 45 and thereby represents allowable claim 45 rewritten in independent form. Claim 46 has been amended to delete the limitations recited in claim 44. Therefore, the rejection of claims 44, 46-49 for anticipation, set forth in paragraph 2 of the office action, is now moot.

Claim 39 has been amended to represent allowable claim 40 rewritten in

independent form by including the limitations of claim 40. Therefore, the rejection of claim 39 for obviousness over Cheung in view of Xu et al, set forth in paragraph 4 of the office action, is now moot.

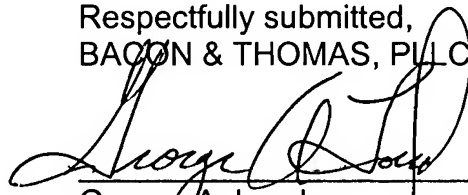
Finally, Claim 34 has been amended to include the limitations of allowable claim 35 and thereby represents claim 35 rewritten in independent form. Accordingly, the rejection of claims 34, 36 to 38 for obviousness over Cheng in view of Lee et al, as set forth in paragraph 5 of the office action, is now moot.

In conclusion, it is respectfully requested that the examiner reconsider the rejections of record with a view toward allowance of the claims as amended.

July 11, 2007
Date

625 Slaters Lane, Fourth Floor
Alexandria, Virginia 22314
Telephone (703) 683-0500

Respectfully submitted,
BACON & THOMAS, PLLC



George A. Loud
Registration No. 25,814